

**APPARATUS AND METHOD FOR SPATIALLY AND TEMPORALLY
DISTRIBUTING CARDIAC ELECTRICAL STIMULATION**

Abstract

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A cardiac electro-stimulatory device and method for operating same in which stimulation pulses are distributed among a plurality of electrodes fixed at different sites of the myocardium in order to reduce myocardial hypertrophy brought about by repeated pacing at a single site and/or increase myocardial contractility. In order to
10 spatially and temporally distribute the stimulation, the pulses are delivered through a switchable pulse output configuration during a single cardiac cycle, with each configuration comprising one or more electrodes fixed to different sites in the myocardium.

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